

Work Order ID 93555 - 2

93555

Page 1

November 20, 2012 9:22:03 AM

Item ID: D4711-043

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Item Name: Expandable Pin Assembly

Stop *NS2*

Start Date: 11/20/12 Start Qty: 20.00

20

Cust Item ID:

Required Date: 11/23/12 Req'd Qty: 20.00

20

Customer:

Reference:

Approvals: Process Plan: *CX*

Date: 12/11/20 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan
Code Accept Reject Reject Insp.
Qty Qty Number Stamp

Draw Nbr

Revision Nbr

D4711

100

0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: 18449
Possible supplier: Mc Master Carr
Supplier P/N: 97787A661
Material release note is required

CX 12/11/20 20

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

8x 13-2-5

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

DAS 15 13-2-5

\$

Quality Control

512

Work Order ID 93555

November 20, 2012 9:22:03 AM

93555

Page 2

Item ID: D4711-043

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Expandable Pin Assembly

Stop ***NS2***

Start Date: 11/20/12 Start Qty: 20.00

20

Cust Item ID:

Required Date: 11/23/12 Req'd Qty: 20.00

20

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Accept Reject Reject Insp.
Code Qty Qty Number Stamp

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Memo

5/1/9

0.00

Packaging

13/4/0 (8)

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

13/2/0

13-02-5



Picklist Print

November 20, 2012 9:22:03 AM

Page 1

Work Order ID: 93555

Parent Item: D4711-043

Parent Item Name: Expandable Pin Assembly

Start Date: 11/20/12

Required Date: 11/23/12

Start Qty: 20.00

Required Qty: 20.00

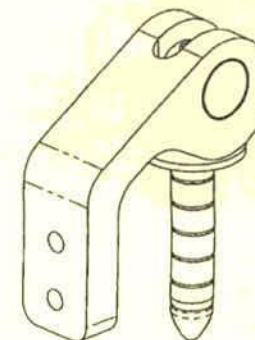
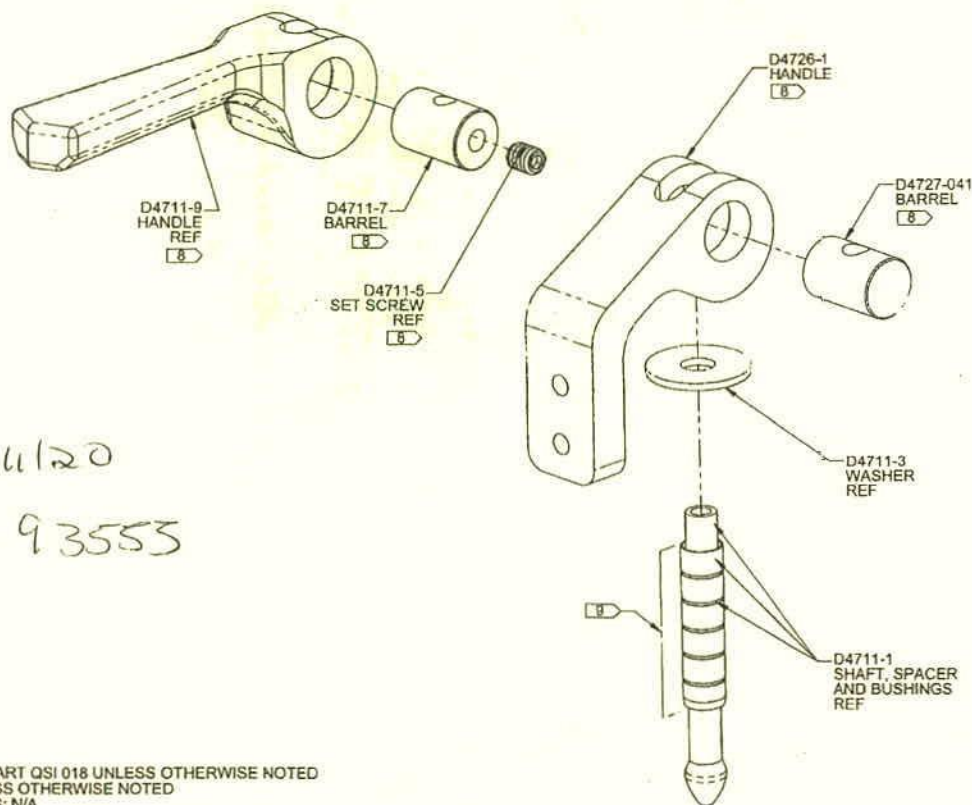
Comments: IPP REV:B 12.10.16 AS PER DWG REV.A DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
97787A661 Expandable Pin		Purchased	No			110	Each	0.0000	1	20			

8x SP 13-2-5



ITEM	QTY	P/N	DESCRIPTION
	X	D4711-041	EXPANDABLE PIN ASSY, MODIFIED
1	1	D4711-043	EXPANDABLE PIN ASSY
2	1	D4726-1	HANDLE
3	1	D4727-041	BARREL



**D4711-041
EXPANDABLE PIN ASSEMBLY, MODIFIED**

CD1211120
W10: 93555

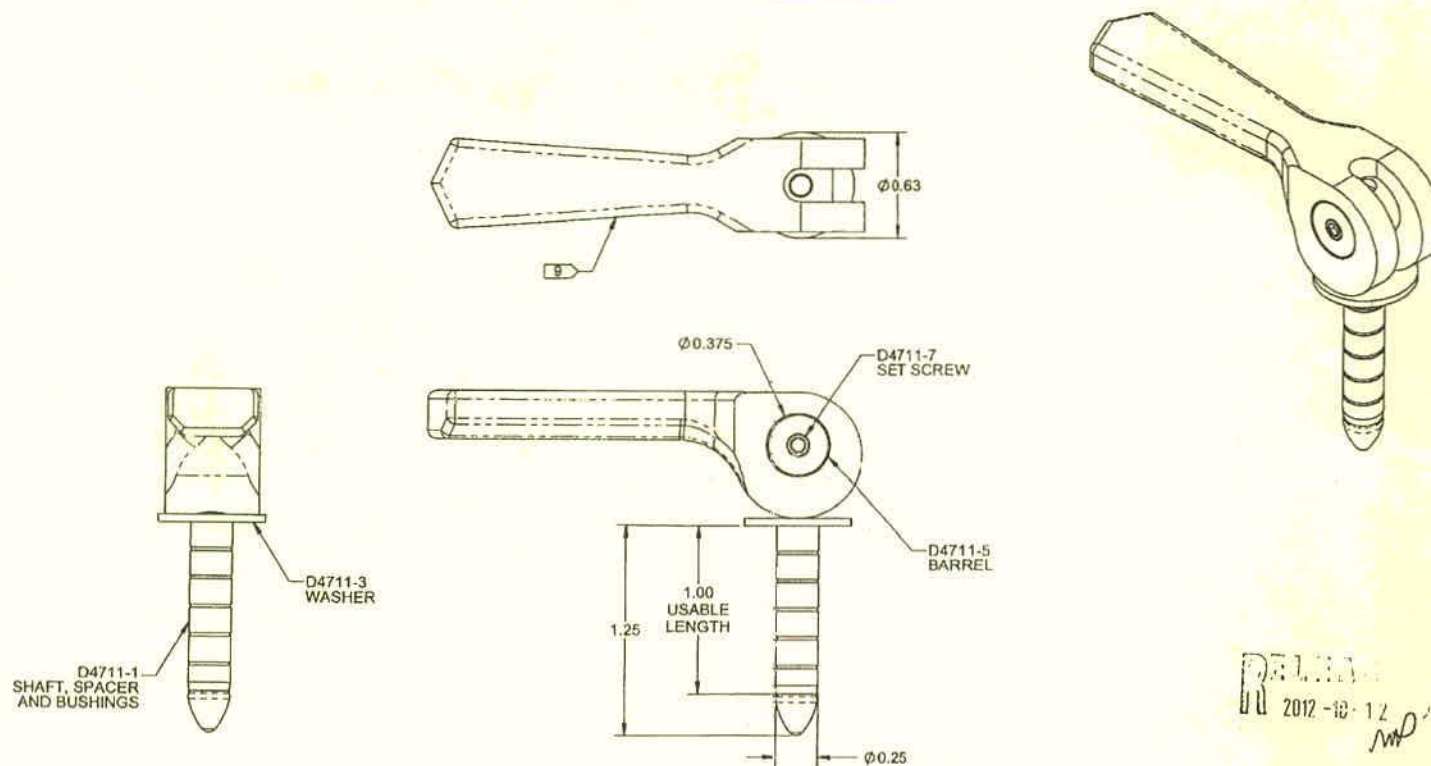
RELEASED
2012-10-12
mb

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4711-041" AND B/N "BXXXXX" PER QSI 044 6.7
 - 7) WEIGHT: 0.19 lbs
 - 8) REPLACE D4711-9 HANDLE WITH DART D4726-1 HANDLE.
REPLACE D4711-7 BARREL WITH DART D4727-041 BARREL.
DISCARD D4711-5 SET SCREW, D4711-7 BARREL AND D4711-9 HANDLE.
 - 9) DO NOT REMOVE SPACERS AND BUSHINGS FROM SHAFT WHILE CHANGING HANDLE.
SPACERS AND BUSHINGS MUST REMAIN IN ORIGINAL SEQUENCE AND ORIENTATION.

A	NEW ISSUE	RP	12.09.19
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	DART AEROSPACE USA, INC.	
DRAWN	RP	KENT, VA	
CHECKED	A.P.	DRAWING NO.	REV. A
MFG. APPR.		D4711	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		ADJUSTABLE DIAMETER PIN	NTS
DATE	12.09.19	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS UNCLASSIFIED AND IS RELEASED ON THE BASIS OF THE CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



SPECIFICATION CONTROL DRAWING



D4711-043 EXPANDABLE PIN ASSY

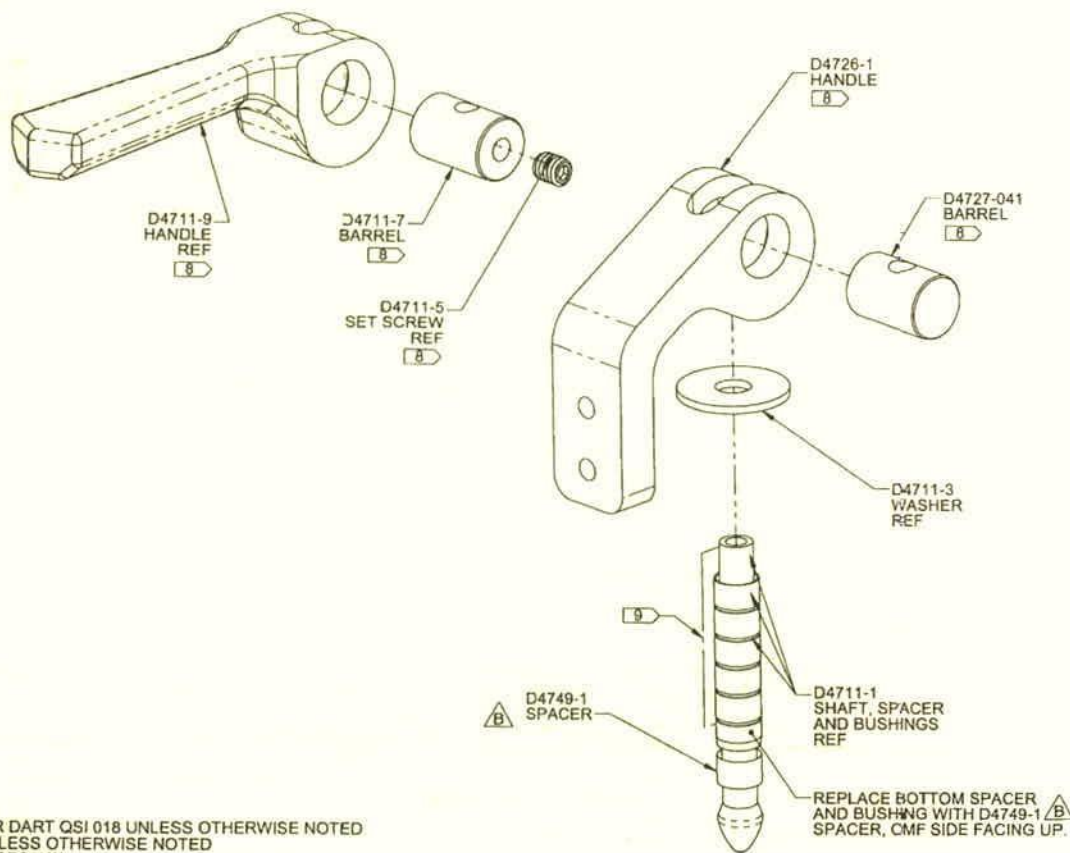
NOTES:

- 1) MATERIAL: CORE PIN, SPLIT RINGS & BARREL: STAINLESS STEEL 17-4 PH CONDITION H925 PER AMS 5643
- 2) FINISH: N/A
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.14 lbs
- 8) RECOMMENDED SUPPLIER: MCMaster CARR P/N 97787A661
- 9) HANDLE, BARREL AND SET SCREW TO BE DISCARDED AT NEXT HIGHER ASSEMBLY

DESIGN	RP	DART AEROSPACE USA, INC.	
DRAWN	RP	KENT, WA	
CHECKED	A.P.	DRAWING NO.	REV. A
MFG. APPR.		D4711	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		ADJUSTABLE DIAMETER PIN	NTS
DATE	12.09.19	<small>COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS UNCLASSIFIED AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE RELEASED FOR ANY PURPOSE OR COPIES OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	



ITEM	QTY -041	P/N	DESCRIPTION
	X	D4711-041	EXPANDABLE PIN ASSY, MODIFIED
1	1	D4711-043	EXPANDABLE PIN ASSY
2	1	D4726-1	HANDLE
3	1	D4727-041	BARREL
4	1	D4749-1	SPACER



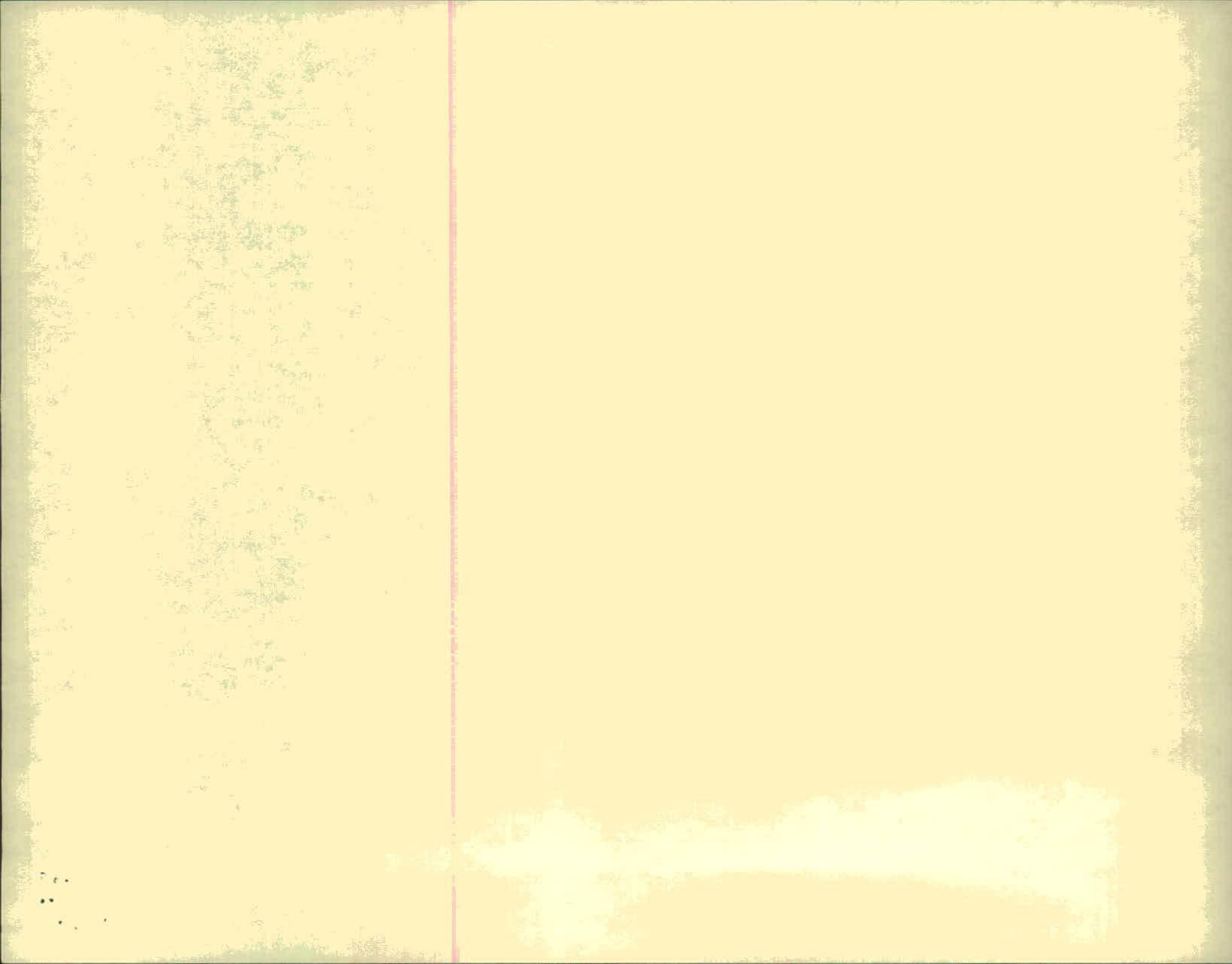
**D4711-041
EXPANDABLE PIN ASSEMBLY, MODIFIED**

RELEASED
2012-12-06

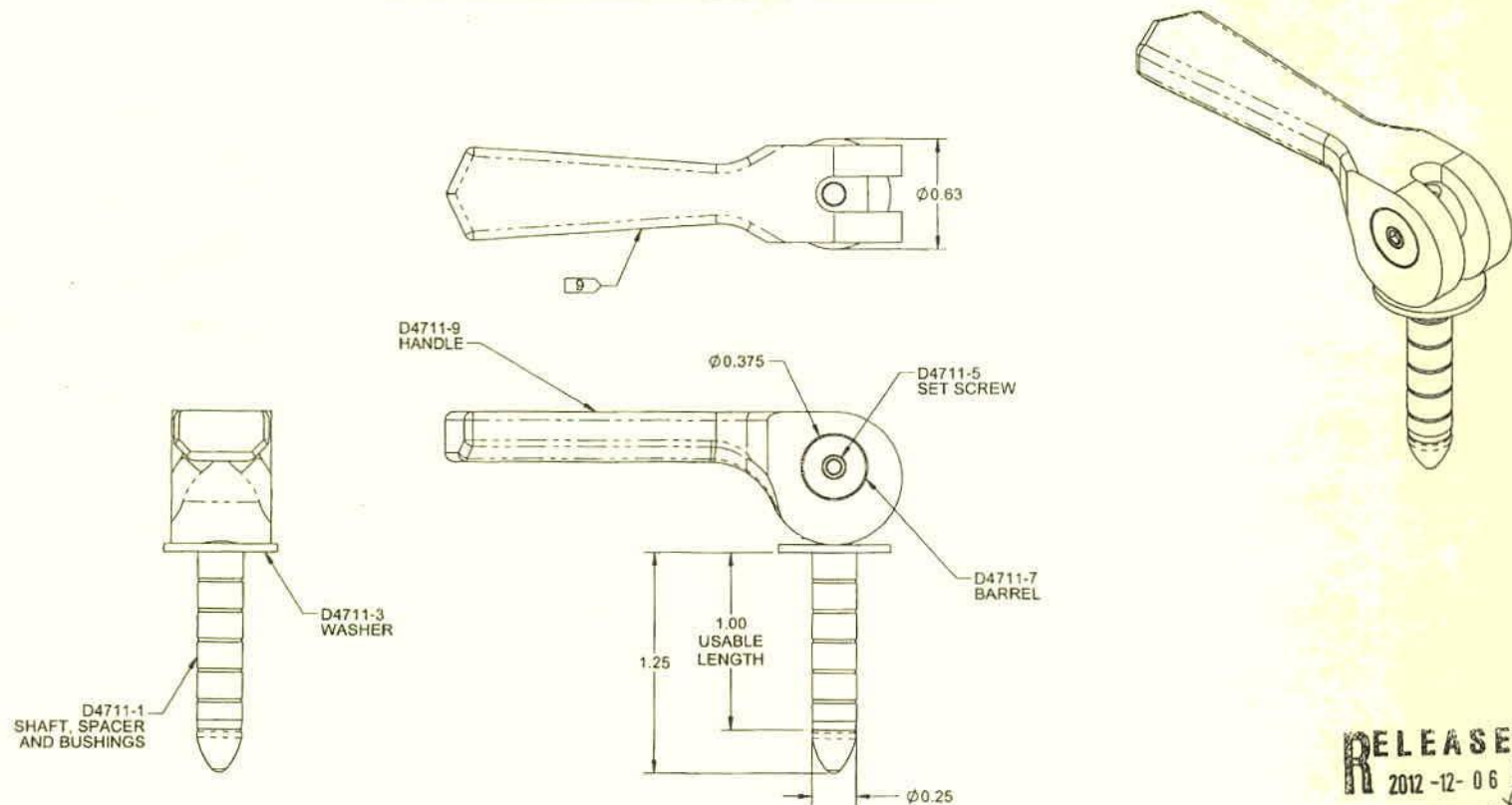
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4711-041" AND B/N "BXXXXX" PER QSI 044 6.7
- 7) WEIGHT: 0.19 lbs
- 8) REPLACE D4711-9 HANDLE WITH DART D4726-1 HANDLE.
REPLACE D4711-7 BARREL WITH DART D4727-041 BARREL.
REPLACE BOTTOM BUSHING AND SPACER WITH D4749-1 SPACER.
DISCARD D4711-5 SET SCREW, D4711-7 BARREL, D4711-9 HANDLE, BOTTOM BUSHING/SPACER. (B)
- 9) WHEN INSTALLING D4749-1 SPACER, ENSURE THAT ALL RETAINED SPACERS AND BUSHINGS REMAIN IN THEIR ORIGINAL SEQUENCE AND ORIENTATION. (B)

B	ADDED D4749-1 SPACER, MODIFIED NOTES 8 AND 9	AP	12.11.23
A	NEW ISSUE	RP	12.09.19
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RP		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4711	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		ADJUSTABLE DIAMETER PIN	NTS
DATE	12.11.23	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. NOT TO BE USED FOR ANY PURPOSE, OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	



SPECIFICATION CONTROL DRAWING



D4711-043 EXPANDABLE PIN ASSY

NOTES:

- 1) MATERIAL: CORE PIN, SPLIT RINGS & BARREL: STAINLESS STEEL 17-4 PH CONDITION H925 PER AMS 5643
- 2) FINISH: N/A
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.14 lbs
- 8) RECOMMENDED SUPPLIER: MCMASTER CARR P/N 97787A661
- 9) HANDLE, BARREL AND SET SCREW TO BE DISCARDED AT NEXT HIGHER ASSEMBLY

DESIGN	RP	DART AEROSPACE USA, INC.	
DRAWN	RP	KENT, WA	
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D4711	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		ADJUSTABLE DIAMETER PIN	NFS
DATE	12.11.23	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS UNCLASSIFIED AND IS NOT CONTROLLED BY THE EXPORT ADMINISTRATION OF THE U.S. GOVERNMENT NO FURTHER DISSEMINATION FROM DART AEROSPACE USA, INC.	

RELEASED
2012-12-06



McMaster-Carr Supply Company
 200 Aurora Industrial Pkwy
 Aurora, OH 44202-8087 USA
 Phone: 330-995-5500 Fax: 330-995-9600
 E-Mail: cle.sales@mcmaster.com
 Employer Identification Number (EIN): 36-1458720

Invoice: 41266575
 Purchase Order: PO18449
 Release:
 McMaster-Carr Number: 4206867-03

ORIGINAL COMMERCIAL
INVOICE
 CERTIFICATE OF ORIGIN

Ultimate Destination:
 Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada

Shipped: 04-Feb-2013 FOB: ORIGIN
 Shipper's Export Declaration (SED):
 NO EEI 30.36

Intermediate Consignee:

Bill To:
 Dart Aerospace Ltd
 1270 Aberdeen St
 Hawkesbury ON K6A 1K7
 Canada

Tax Number:

Forwarding Agent:

Billing
 Attention:
 Shipping
 Attention:
 Contact:

Line	Description	Qty & Unit	Unit Price	Extension
5	97787661 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length Country of Origin: United States Schedule B #: 731829 ECCN #: 9A991 NLR NOTE Tracking number(s) for this shipment: 541170083124	8 EA	\$114.68	\$917.44
<p>This transaction is subject to McMaster-Carr Supply Company's terms and conditions of sale. No other terms and conditions of sale shall apply to this transaction.</p> <p>These commodities, technology, or software were exported from the United States in accordance with Export Administration regulations. Diversion contrary to US law is prohibited.</p>				

Shipping Weight (in kgs): 1	Number of Packages: 1	Invoice Amounts:	Merchandise Amount:	\$917.44
Package Dimensions: 13 X 32 X 18 CM = .007 CUBIC M			Total (In USD):	\$917.44
Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days				
Authorized Signature: <i>Jason Wolfe</i>	Date: 04-Feb-2013	Remit payment to:	(by wire transfer) Bank of America Illinois 231 S LaSalle Chicago, IL 60697 ABA 071000039 Account 86666-02021 SWIFT BOFAUS3N	
Name: Jason Wolfe	Title: Operations Mgr.	(by mail) McMaster-Carr Supply Company PO Box 7690 Chicago, IL 60680-7690 USA		

McMASTE -CAR

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO18449

McMaster-Carr Number
4206867-03

Page 1 of 1

02/04/2013

Line	Description	Ordered	Shipped
5	97787A661 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length Unit Price: \$114.68 Extended Price: \$917.44	20 Each	8
Shipped separately from our Cleveland warehouse on 11/20			
1	92196A587 18-8 Stainless Steel Socket Head Cap Screw, 5/16"-18 Thread, 1-1/2" Length	1 Pack	1
2	4073A28 14 TPI Replacement Blades for 4073A33, Air-Powered Mini Reciprocating Saw	3 Packs	3
3	95606A170 Nylon 6/6 General Purpose Flat Washer, Off-White, 7/16" Screw Size, .69" OD, .02"-.04" Thickness	1 Pack	1
4	92000A330 18-8 Stainless Steel Metric Pan Head Phillips Machine Screw, M5 Size, 25MM Length, .8MM Pitch	1 Pack	1
7	15405T11 Color-Coded Material Management Cardstock Tag, "Inspected", Green	3 Packs	3
Shipped separately from our Chicago warehouse on 11/20			
6	9776K93 Flame-Retardant Hook and Loop, 1" W X 75' L, Adhesive Back, Beige	2 Lengths	2
Expected to ship			
5	97787A661 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length	20 Each	12 to ship by 02/18

Charges for this shipment

Merchandise Amount \$917.44
Total: \$917.44



DART
aerospaceDart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053**PURCHASE ORDER**Purchase Order ID **PO18449**

Purchase Order Date 11/20/12

PO Print Date 11/20/12

Page Number 2 of 2

Order From:

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Contact Name

Vendor Phone

330 995 5500

Vendor Fax

330 995 9600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 10

Currency

USD

FOB

Destination-Collect

Special Inst:

AS PER DWG 601.2999
B93369

5

97787A661

Expandable Pin

11/22/12

Yes

20.00
Each

FedEx PI collect

\$114.6800

\$2,293.60

Special Inst:

AS PER DWG D4711 REV. A
B93555

6

9776K93

Flame retardant nylon
Hook & Loop

11/22/12

Yes

150.00
Each

FedEx PI collect

\$1,434.3

\$215.14

Special Inst:

AS PER DWG D3800 REV. B
B93554 AND B93553 COMBINATION
PACK

7

15405T11 INSPECTED
GREEN TAGS

11/22/12

Yes

3.00
Each

FedEx PI collect

\$56.9700

\$170.91

Deliver To: ERIC.D

PO Total:

\$2,742.60

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr:

2

Change Date: 11/20/12

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

